

In the Claims:

Please cancel claim 9, without prejudice, and amend claim 1 as follows:

1. (Currently Amended) A method for producing a liquid crystal display device comprising the steps of:

sealing a liquid crystal containing a polymerizable component capable of being polymerized with heat or light between a pair of substrates having been disposed as being opposed to each other; and

polymerizing the polymerizable component by irradiating the liquid crystal with light of a prescribed luminance at a prescribed temperature for a prescribed irradiating time under application of a prescribed voltage, so as to control a pretilt angle and a tilt direction of liquid crystal molecules,

wherein at least one of the voltage, the temperature, the luminance and the irradiation time is controlled as a parameter to obtain prescribed optical characteristics, and

the parameter is controlled under feedback of a thickness of a cell or a height of a pillar spacer formed on one of the pair of substrates before and after injecting the liquid crystal.

2. (Original) A method for producing a liquid crystal display device as claimed in claim 1, wherein the voltage is controlled within a range of 0.1 V to 100 V.

3. (Original) A method for producing a liquid crystal display device as claimed in claim 1, wherein the temperature is controlled within a range of -30°C to 250°C.

4. (Original) A method for producing a liquid crystal display device as claimed in claim 1, wherein the luminance is controlled within a range of 1 mW/cm² to 10,000 mW/cm².

5. (Original) A method for producing a liquid crystal display device as claimed in claim 1, wherein the radiation time is controlled within a range of 1 msec to 24 hours.

6-9. (Cancelled)

10. (Original) A method for producing a liquid crystal display device as claimed in claim 1, wherein the parameter is controlled to compensate a luminance distribution within the panel.

11. (Original) A method for producing a liquid crystal display device as claimed in claim 1, wherein the optical characteristics include γ characteristics and a transmittance upon displaying black.

12-20. (Cancelled)